

	365		370		375									
Ala	Ala	Gly	Thr	Ser	Leu	Asp	Arg	Leu	Val	Thr	Asp	Ile	Lys	Glu
	380								385					390
Lys	Leu	Lys	Leu	Ser	Lys	Lys	Val	Trp	Ser	Ala	Leu	Pro	Tyr	Thr
	395								400					405
Ile	Cys	Lys	Asp	Glu	Ser	Val	Thr	Ala	Gly	Thr	Ser	Asn	Glu	Glu
	410								415					420
Glu	Cys	Trp	Asn	Gly	His	Ser	Lys	Ala	Arg	Tyr	Leu	Pro	Glu	Ile
	425								430					435
Met	Asn	Asp	Gly	Leu	Thr	Asn	Gln	Ile	Asn	Asn	Pro	Glu	Val	Asp
	440								445					450
Val	Asp	Ile	Thr	Arg	Pro	Asp	Thr	Phe	Ile	Arg	Gln	Gln	Ile	Met
	455								460					465
Ala	Leu	Arg	Val	Met	Thr	Asn	Lys	Leu	Lys	Asn	Ala	Tyr	Asn	Gly
	470								475					480
Asn	Asp	Val	Asn	Phe	Gln	Asp	Thr	Ser	Asp	Glu	Ser	Ser	Gly	Ser
	485								490					495
Gly	Ser	Gly	Ser	Gly	Cys	Met	Asp	Asp	Val	Cys	Pro	Thr	Glu	Phe
	500								505					510
Glu	Phe	Val	Thr	Thr	Glu	Ala	Pro	Ala	Val	Asp	Pro	Asp	Arg	Arg
	515								520					525
Glu	Val	Asp	Ser	Ser	Ala	Ala	Gln	Arg	Gly	His	Ser	Leu	Leu	Ser
	530								535					540
Trp	Ser	Leu	Thr	Cys	Ile	Val	Leu	Ala	Leu	Gln	Arg	Leu	Cys	Arg
	545								550					555

<210> 110

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 110

aagcgtgaca gcgggcacgt c 21

<210> 111

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 111

tgacacagtct ctgcagtgcc cagg 24

<210> 112

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 112

gaatgctgga acgggcacag caaagccaga tacttgctg 40

<210> 113

<211> 4649

<212> DNA

<213> Homo sapiens

<400> 113

cggaacgcgtg ggcggacgcg tgggcaaaag aactcggagt gccaaagcta 50  
aataagtttag ctgagaaaac gcacgcagtt tgcagcgcct gcgccgggtg 100  
cgccaactac gcaaagacca agcgggctcc gcgcggaccg gccgcggggc 150  
tagggaccog gctttggcct tcaggctccc tagcagcggg gaaaaggaat 200  
tgctgcccgg agtttctgcg gaggtggagg gagatcagga aacggcttct 250  
tcctcaacttc gccgcctggt gagtgtcggg gagattggca aacgcctagg 300  
aaaggactgg ggaaaatagc cctgggaaag tggagaaggt gatcaggagg 350  
cgggtccact acggcagttt atctgtctga tcagagccag acgcgacgcg 400  
tccacttcgc agttctttcc aggtgtgggg accgcaggac agacggccga 450  
tccgcgcgcc ctccgtacca gcactcccag gagagtcagc ctcgctcccc 500  
aacgtcgagg gcgctctggc cacgaaaagt tcctgtccac tgtgattctc 550  
aattccttgc ttgggttttt tctccagaga acttttgggt ggagatatta 600  
acttttttct tttttttttt ccttggtgga agctgtctta gggagggggg 650  
aggaggagga gaaagtgaat tgtgctggag aagagcgagc cctccttggt 700  
cttcgggagt cccatccatt aagccatcac ttctggaaga ttaaagttgt 750  
cggacatggt gacagctgag aggagaggag gatttcttgc cagggtggaga 800  
gtcttcaccg tctgttgggt gcatgtgtgc gccgcgagcg gcgcggggcg 850  
cgtggttctc cgcgtggagt ctcacctggg acctgagtga atggctccca 900  
ggggctgtgc ggggcatccg cctccgcctt ctccacaggc ctgtgtctgt 950  
cctggaaaga tgctagcaat gggggcgctg gcaggattct ggatcctctg 1000

cctcctcact tatggttacc tgtcctgggg ccaggcctta gaagaggagg 1050  
aagaaggggc cttactagct caagctggag agaaactaga gccagcaca 1100  
acttccacct cccagcccca tctcattttc atcctagcgg atgatcaggg 1150  
atttagagat gtgggttacc acggatctga gattaaaaca cctactcttg 1200  
acaagctcgc tgccgaagga gttaaactgg agaactacta tgtccagcct 1250  
atttgcacac catccaggag tcagtttatt actggaaagt atcagatata 1300  
caccggactt caacattcta tcataagacc tacccaaccc aactgtttac 1350  
ctctggacaa tgccacccta cctcagaaac tgaaggagggt tggatattca 1400  
acgcatatgg tcggaaaatg gcaacttgggt tttaacagaa aagaatgcat 1450  
gccaccaga agaggatttg ataccttttt tggttccctt ttgggaagtg 1500  
gggattacta tacacactac aaatgtgaca gtcttgggat gtgtggctat 1550  
gacttgtatg aaaacgacaa tgctgcctgg gactatgaca atggcatata 1600  
ctccacacag atgtacactc agagagtaca gcaaacttta gcttcccata 1650  
acccacaaa gcctatatatt ttatatactg cctatcaagc tgttcattca 1700  
cactgcaag ctcttggcag gtatttcgaa cactaccgat ccattatcaa 1750  
cataaacagg agaagatatg ctgccatgct ttcttgccta gatgaagcaa 1800  
tcaacaacgt gacattgggt ctaaagactt atggtttcta taacaacagc 1850  
attatcattt actcttcaga taatgggtggc cagcctacgg caggaggagg 1900  
taactggcct ctgagaggta gcaaaggaac atattgggaa ggagggatcc 1950  
gggctgtagg ctttgtgcat agcccacttc tgaaaaacaa gggaacagtg 2000  
tgtaaggaac ttgtgcacat cactgactgg taccctactc tcatttcact 2050  
ggctgaagga cagattgatg aggacattca actagatggc tatgatattc 2100  
gggagaccat aagtgagggt cttcgctcac cccagtaga tattttgcat 2150  
aacattgacc cctatacacc aaggcaaaaa atggctcctg ggcagcaggc 2200  
tatgggatct ggaacactgc aatccagtca gccatcagag tgcagcactg 2250  
gaaattgctt acaggaaatc ctggctacag cgactgggtc cccctcagt 2300  
ctttcagcaa cctgggaccg aaccggtggc acaatgaacg gatcaccttg 2350  
tcaactggca aaagtgtatg gcttttcaac atcacagccg acccatatga 2400  
gagggtggac ctatctaaca ggtatccagg aatcgtgaag aagctcctac 2450